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SEALING METHOD OF GEARED TRANSMISSION

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ABSTRACT

PURPOSE: To dispense with any oil injecting equipment in an in-line system by moving an oil sealing body on a seal holding shaft, situating it in an oil flowing hole, while making a shaft connecting part retreat up to a specified mounting position, and holding this shaft connecting part on a transmission case.

CONSTITUTION: A base part 22b of an oil sealing body 22 is fitted in a seal holding shaft 10 and an output shaft 12 is inserted into a needle bearing holding hole 20 from the inner part of a transmission case 8. At this time, a lip part 22a of the oil sealing body 22 fitted in the seal holding shaft 10 comes into contact with the inner circumferential surface of an outer circumferential part contacting hole 24. After injecting transmission oil into a geared transmission, an output shaft spline 40 is connected to another output shaft spline 14 formed on an outer surface of an output shaft 12, and a tip part 40a of a shaft connecting part 40 is inserted into the more inside of the transmission case 8 than a specified mounting position A. Then, the shaft connecting part 40 is retreated to some extent, and the tip part 40a is retreated up to the specified position A as well, through which a sliding yoke 38 is held on an extension case part 16.

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